

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 0787 Fair

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	4.45	05/04/2017 05/04/2017	Zach Jojola

LM Start		Rating **	A	Issue No.	<b>7</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0787_01_s_2013_7				
Comment Code					
Inspector Comment					
RD 787 shares flood resources with RD 108 with a stockpile of flood response materials.					

No Photos

LM Start		Rating **	A	Issue No.	<b>8</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0787_01_s_2013_8				
Comment Code					
Inspector Comment					
RD 787 is current with O&M manuals.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Colusa Basin Drain	Left	4.45	05/04/2017 05/04/2017	Zach Jojola

LM Start		Rating **	M	Issue No.	<b>10</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_RD0787_01_s_2012_10				
Comment Code					
Inspector Comment					
RD 787 works jointly with RD 108 on training and flood response.					

No Photos

LM Start	<b>0.01</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>1.59</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.799538 °	38.801832 °	
			-121.725573 °	-121.750363 °	
DWR ID	DWR_RD0787_01_s_2017_4				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	<b>0.01</b>	Rating **	U	Issue No.	<b>5</b>
LM End	<b>4.42</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.799538 °	38.822494 °	
			-121.725573 °	-121.795599 °	
DWR ID	DWR_RD0787_01_s_2017_5				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_RD0787\_212\_5\_20170504\_00012.jpg



Tall grass on landside levee slope, blocking visibility. Spring 2017.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	4.45	05/04/2017 05/04/2017	Zach Jojola

LM Start	0.39	Rating **	M	Issue No.	1
LM End	0.50	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.795931 °	38.795268 °
				-121.730627 °	-121.732566 °
DWR ID	DWR_RD0787_01_s_2016_1				
Comment Code					
Inspector Comment					
2011 - Large scallops throughout the entire reach. Toe scour due to tree pop-outs, resulting in a steepening slope. The reduced resistive forces plus clay levee may increase the loading. Additional erosion due to human use. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: CBD_0-5_L]					

No Photos

LM Start	0.48	Rating **	M	Issue No.	6
LM End	0.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.795409 °	38.795409 °
				-121.732092 °	-121.732092 °
DWR ID	DWR_RD0787_01_s_2017_6				
Comment Code					
DE : Debris					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	4.45	05/04/2017 05/04/2017	Zach Jojola

LM Start	0.67	Rating **	M	Issue No.	2
LM End	0.85	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.795486 °	38.796225 °
				-121.735647 °	-121.738902 °
DWR ID	DWR_RD0787_01_s_2016_2				
Comment Code					
Inspector Comment					
2011 - Large scallops throughout the entire reach. Toe scour due to tree pop-outs, resulting in a steepening slope. The reduced resistive forces plus clay levee may increase the loading. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: CBD_0-9_L]					

No Photos

LM Start	0.73	Rating **	M	Issue No.	9
LM End	0.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.795814 °	38.795814 °
				-121.736799 °	-121.736799 °
DWR ID	DWR_RD0787_01_s_2017_9				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Multipel cracks visibile on a 50' section of the waterside slope.					

Photo 1 of 1 : SP\_2017\_RD0787\_212\_9\_20170504\_00013.jpg



View of slope stability location on waterside slope. Spring 2017.

LM Start	0.75	Rating **	A/W	Issue No.	12
LM End	0.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.795891 °	38.795891 °
				-121.737098 °	-121.737098 °
DWR ID	DWR_RD0787_01_s_2017_12				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
50' crack beginning to develop on wateride slope. Recommend monitoring.					

Photo 1 of 1 : SP\_2017\_RD0787\_212\_12\_20170504\_00014.jpg



View of slope stability location on waterside slope. Spring 2017.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	4.45	05/04/2017 05/04/2017	Zach Jojola

LM Start	0.77	Rating **	M	Issue No.	15
LM End	0.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.795996 °	38.795996 °
				-121.737493 °	-121.737493 °
DWR ID	DWR_RD0787_01_s_2017_15				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
50' slough section on waterside slope.					

Photo 1 of 1 : SP\_2017\_RD0787\_212\_15\_20170504\_00015.jpg



View of sloughing on waterside slope. Spring 2017.

LM Start	0.78	Rating **	M	Issue No.	16
LM End	0.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.796042 °	38.796042 °
				-121.737661 °	-121.737661 °
DWR ID	DWR_RD0787_01_s_2017_16				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Sloughing on waterside slope.					

Photo 1 of 1 : SP\_2017\_RD0787\_212\_16\_20170504\_00016.jpg



View of sloughing on waterside slope. Spring 2017.

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Unit No. 01 Colusa Basin Drain	Left	4.45	05/04/2017 05/04/2017	Zach Jojola

LM Start	1.35	Rating **	M	Issue No.	17
LM End	1.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.800375 °	38.800375 °
				-121.746283 °	-121.746283 °
DWR ID	DWR_RD0787_01_s_2017_17				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.73	Rating **	M	Issue No.	11
LM End	1.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.802693 °	38.802693 °
				-121.752672 °	-121.752672 °
DWR ID	DWR_RD0787_01_f_2016_11				
Comment Code					
GA : Garbage					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_RD0787\_212\_11\_20170320\_00002.jpg



Burnt loudspeaker near levee crown on waterward side. Fall 2016.

LM Start	1.93	Rating **	M	Issue No.	18
LM End	3.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.803949 °	38.816212 °
				-121.756047 °	-121.782124 °
DWR ID	DWR_RD0787_01_s_2017_18				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
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Unit No. 01 Colusa Basin Drain	Left	4.45	05/04/2017 05/04/2017	Zach Jojola

LM Start	2.49	Rating **	M	Issue No.	19
LM End	2.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.807379 °	38.807379 °
				-121.765371 °	-121.765371 °
DWR ID	DWR_RD0787_01_s_2017_19				
Comment Code					
DE : Debris					
Inspector Comment					

No Photos

LM Start	3.58	Rating **	U	Issue No.	20
LM End	4.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.816212 °	38.822494 °
				-121.782124 °	-121.795599 °
DWR ID	DWR_RD0787_01_s_2017_20				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_RD0787\_212\_20\_20170504\_00017.jpg



Tall grass on waterside levee slope, blocking visibility. Spring 2017.

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